

Pentaquark Searches at Intermediate Energies

David J. Tedeschi

University of South Carolina

CLAS Collaboration

Recent experimental results suggesting exotic 5-quark baryons (pentaquarks) have been presented at international conferences and published in refereed scientific journals. These data are claimed to herald a new chapter in hadron spectroscopy. Taken collectively, the data paint a compelling picture; however, valid criticism regarding the analysis methods and the statistical significance of individual experiments cannot be ignored. In this presentation I will briefly review the experimental evidence from searches at intermediate energies for pentaquark states.